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7/20/95
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I. HEADING

Date: July 20, 1995

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Subject: Pollution Report For CERCLA Time-Critical Removal
Action at Sauget & Company Landfill, **Site G**, Sauget,
St. Clair County, Illinois.

POLREP #: 14

II. BACKGROUND

Site No.: 4V
Delivery Order No.: 5001-05-368
Response Authority: CERCLA
CERCLA Incident Category: Time-Critical Removal
CERCLIS ID #: ILD 981 953 623
NPL Status : No
Start Date: March 20, 1995
Latitude: North 38°35'21"
Longitude: West 90°10'23"

III. RESPONSE INFORMATION

A. Initial Situation:

Please refer to POLREP No. 1 dated March 23, 1995

B. Actions Taken:

The following actions were accomplished during the period
of June 29 - July 21, 1995)

- * ERCS contractor completed hauling and grading
approximately 23,850 tons of clean soil at the site. The

cap covers most portions of the site except for areas that tested clean (PCB less than 25 ppm on the southwest and southeast corners) and the depression filled with rainwater. TAT and ERCS estimated the thickness of the cap using a soil/gas recovery sampler. The average thickness of the cap is in the range of 18 to 24 inches. Contractor for hydroseeding the cap area recommended to delay the seeding process due to dry conditions of the soil at the present time.

- * TAT contractor collected two soil samples from the southwest and southeast corners of the fenced areas to evaluate the need for capping at these two areas. Sample results indicated levels of PCB less than 2 ppm. Accordingly, these areas will not be incorporated in the site cap. The TAT collected one surface water sample to evaluate changes in the water quality of the ponded rainwater at the site. Results of the water sample are pending.
- * ERCS contractor discussed the possibility of discharging the ponded water to a nearby water treatment facility, American Bottoms, Inc., via the City Cahokia sewer system. City of Cahokia officials indicated that the city sewer system capacity is of a maximum 100 gallons per minute (GPM). The system may be overwhelmed and even breakdown if ERCS attempts to utilize it for site purposes.
- * Results of waste sample collected from chemical paperbags marked with Monsanto name indicated approximately 79% pentachlorophenol. Previously, Mosanto indicated to IEPA officials that they did not manufacture pentachlorophenol. The paperbags indicated a trade-name of Mosanto PENTA

C. Enforcement

None

IV. NEXT STEPS

- A. Remove (pump and treat)/evaluate surface water from southern half of site fenced area and complete excavation/consolidation of site soils.
- B. Continue to place a soil cover over the site area and adjust the thickness wherever needed.
- C. Hydro-seed the final cover to minimize infiltration of precipitation and erosion of the cover when site conditions favor full germination of seeds.

V. KEY ISSUES

None

VI. Costs to date*

	<u>AMOUNT BUDGETED</u>	<u>AMOUNT USED</u>	<u>AMOUNT REMAINING</u>
US EPA (Direct & Indirect)	\$ 108,000.00	\$ 72,004.20	\$ 35,995.80
TAT	\$ 80,000.00	\$ 74,454.13	\$ 5,545.87
ERCS	\$ 500,000.00	\$317,806.75	\$182,193.25
TOTAL	\$ 688,000.00	\$464,265.08	\$223,734.92

* All reported cost as of 7/19/953